Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
Data File : BG053224.D
Acq On : 20 Apr 2022 20:31
Operator : CG/JU
Sample : N2467-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KR-1MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 21 06:04:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.116	152	34966	20.000	ng		0.00
21) Naphthalene-d8	10.924	136	132079	20.000	ng		-0.01
39) Acenaphthene-d10	14.737	164	93958	20.000	ng		-0.01
64) Phenanthrene-d10	17.480	188	214297	20.000	ng		-0.01
76) Chrysene-d12	21.768	240	202155	20.000	ng		0.00
86) Perylene-d12	25.070	264	208566	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	266026	130.417	ng		0.00
7) Phenol-d6	7.282	99	376843	119.800	ng		0.00
23) Nitrobenzene-d5	9.279	82	259961	79.917	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	173800	116.267	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	549078	80.581	ng		0.00
79) Terphenyl-d14	20.082	244	955809	79.853	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.564	88	36179	37.140	ng		93
3) Pyridine	3.963	79	94528	36.793	ng	#	92
4) n-Nitrosodimethylamine	3.875	42	58147	45.703	ng		87
6) Aniline	7.435	93	120808	33.139	ng		96
8) 2-Chlorophenol	7.681	128	105648	47.975	ng		96
9) Benzaldehyde	7.247	77	83133m	44.213	ng		
10) Phenol	7.306	94	143373	45.790	ng		91
11) bis(2-Chloroethyl)ether	7.523	93	100058	44.331	ng		94
12) 1,3-Dichlorobenzene	8.005	146	115340m	45.073	ng		
13) 1,4-Dichlorobenzene	8.151	146	114541	43.906	ng		98
14) 1,2-Dichlorobenzene	8.469	146	111276	44.232	ng		97
15) Benzyl Alcohol	8.351	79	117529	42.035	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.639	45	159344	42.286	ng		100
17) 2-Methylphenol	8.557	107	95086	44.877	ng		96
18) Hexachloroethane	9.203	117	43569	44.536	ng		93
19) n-Nitroso-di-n-propyla...	8.915	70	92159	40.018	ng	#	94
20) 3+4-Methylphenols	8.886	107	128260	42.881	ng		92
22) Acetophenone	8.939	105	168028	45.856	ng	#	97
24) Nitrobenzene	9.320	77	143653	45.402	ng		93
25) Isophorone	9.843	82	249711	45.164	ng		98
26) 2-Nitrophenol	10.031	139	59896	45.271	ng		90
27) 2,4-Dimethylphenol	10.090	122	97855	51.643	ng		95
28) bis(2-Chloroethoxy)met...	10.319	93	134385	43.264	ng		99
29) 2,4-Dichlorophenol	10.572	162	110418	46.353	ng		99
30) 1,2,4-Trichlorobenzene	10.789	180	119681	44.391	ng		97
31) Naphthalene	10.977	128	310795	44.105	ng		99
32) Benzoic acid	10.254	122	59176	47.987	ng		93
33) 4-Chloroaniline	11.077	127	55300	18.326	ng		97
34) Hexachlorobutadiene	11.265	225	87216	43.549	ng		97
35) Caprolactam	11.846	113	34569m	41.171	ng		
36) 4-Chloro-3-methylphenol	12.199	107	120832	43.571	ng		93
37) 2-Methylnaphthalene	12.575	142	222157	42.606	ng		96
38) 1-Methylnaphthalene	12.792	142	216001	42.439	ng		93
40) 1,2,4,5-Tetrachloroben...	12.945	216	146686	45.966	ng		97
41) Hexachlorocyclopentadiene	12.921	237	166212	100.898	ng		92
43) 2,4,6-Trichlorophenol	13.174	196	97587	44.354	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	103703	44.231	ng		95
46) 1,1'-Biphenyl	13.574	154	308357	45.573	ng		98
47) 2-Chloronaphthalene	13.621	162	239050	44.283	ng		97
48) 2-Nitroaniline	13.814	65	88239	43.072	ng		89
49) Acenaphthylene	14.461	152	395814	46.839	ng		98
50) Dimethylphthalate	14.184	163	308974	41.114	ng		100
51) 2,6-Dinitrotoluene	14.308	165	67150	42.831	ng		90
52) Acenaphthene	14.801	154	283758m	49.516	ng		
53) 3-Nitroaniline	14.637	138	41168	24.833	ng	#	85
54) 2,4-Dinitrophenol	14.848	184	88150	88.366	ng	#	89
55) Dibenzofuran	15.136	168	373599	41.635	ng		96
56) 4-Nitrophenol	14.954	139	110369	87.293	ng	#	80
57) 2,4-Dinitrotoluene	15.095	165	95300	42.696	ng		90
58) Fluorene	15.782	166	304925	42.073	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	95463	41.927	ng		100
60) Diethylphthalate	15.541	149	310558	39.441	ng		99
61) 4-Chlorophenyl-phenyle...	15.771	204	169195	41.183	ng		95
62) 4-Nitroaniline	15.800	138	68603	39.217	ng	#	78
63) Azobenzene	16.064	77	318024	40.060	ng		97
65) 4,6-Dinitro-2-methylph...	15.859	198	62755	41.974	ng		98
66) n-Nitrosodiphenylamine	15.988	169	271509	44.058	ng		98
67) 4-Bromophenyl-phenylether	16.663	248	118334	43.095	ng		94
68) Hexachlorobenzene	16.793	284	133203	44.794	ng		95
69) Atrazine	16.928	200	114907	47.735	ng		96
70) Pentachlorophenol	17.139	266	148557	91.409	ng		90
71) Phenanthrene	17.527	178	504517	43.102	ng		98
72) Anthracene	17.615	178	505748	43.613	ng		99
73) Carbazole	17.885	167	463313	41.102	ng		98
74) Di-n-butylphthalate	18.432	149	534232	41.788	ng		99
75) Fluoranthene	19.530	202	642703	42.835	ng		99
77) Benzidine	19.701	184	278767	48.332	ng		99
78) Pyrene	19.894	202	633121	43.974	ng		98
80) Butylbenzylphthalate	20.770	149	232283	43.275	ng		100
81) Benzo(a)anthracene	21.751	228	611070	44.210	ng		100
82) 3,3'-Dichlorobenzidine	21.657	252	137660	27.081	ng		100
83) Chrysene	21.815	228	555350	43.293	ng		99
84) Bis(2-ethylhexyl)phtha...	21.639	149	317645	43.780	ng		100
85) Di-n-octyl phthalate	22.873	149	540772	44.565	ng		96
87) Indeno(1,2,3-cd)pyrene	28.859	276	668235	43.125	ng	#	98
88) Benzo(b)fluoranthene	24.018	252	626806	47.632	ng		99
89) Benzo(k)fluoranthene	24.089	252	599114	46.324	ng		98
90) Benzo(a)pyrene	24.917	252	592541	52.856	ng		98
91) Dibenzo(a,h)anthracene	28.906	278	576995	45.242	ng		98
92) Benzo(g,h,i)perylene	30.039	276	578415	46.015	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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